

# Pengembangan System Informasi Knowledge Base Integration Management System SMMK3L pada Perusahaan Jasa Konstruksi = Knowledge base integration management system quality, safety and environmental to improve organizational performance in construction company.

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## Abstrak

Pembangunan di Indonesia menunjukkan kemajuan yang tinggi di bidang ekonomi tetapi kemajuan yang rendah di bidang sosial dan kelembagaan dan penurunan pada bidang lingkungan. Selain itu perusahaan konstruksi Indonesia masih dihambat oleh daya saing yang rendah. Serta dalam penerapan SMK3, catatan keselamatan dan kesehatan kerja dari industri konstruksi Indonesia buruk. Berdasarkan fenomena di atas maka diperlukan penerapan sistem manajemen terintegrasi antara SMM, SML dan SMK3 dalam pengelolaan proyek konstruksi. Pada penerapan sistem manajemen terintegrasi masih terdapat banyak kendala dan perlu adanya Knowledge Base Integration Management System SMMK3L. Oleh karena itu, penelitian ini bertujuan untuk mengembangkan sistem informasi Knowledge Base Integration Management System SMM, SMK3 dan SML pada perusahaan jasa konstruksi untuk meningkatkan kinerja organisasi. Studi kasus yang diteliti adalah perusahaan jasa konstruksi. Metode penelitian yang digunakan adalah studi arsip, studi kasus pengembangan sistem dan analisa statistik. Penelitian ini menggabungkan model, tujuan, sasaran dan hubungan risiko integration management system SMM, SMK3 dan SML menjadi sebuah website sistem informasi Knowledge Base Integration Management System SMM, SMK3 dan SML. Hasil yang didapatkan dalam penelitian ini menjelaskan bahwa pengembangan sistem informasi Knowledge Base Integration Management System SMM, SMK3 dan SML dapat meningkatkan kinerja organisasi perusahaan jasa konstruksi

.....Development in Indonesia showed high progress in the economics but had low progress for social; institutional; and in environmental sectors. Furthermore, Indonesian Construction Company still inhibited by low competitiveness; along Safety system management application; safety record and bad occupational health. Based on Indication in above, it's necessary to apply an integrated management system between Quality, Safety and Environmental for manage the projects construction. The Implementation of an integrated management system, it's necessary to improve with online integrated management system; due to accelerated targets achievement for real monitored all business aspects process. Therefore, this research aim to develop information system of Knowledge Base Integration Management System of Quality, Safety and Environmental to improve organization's performance on Construction Service Company. This research was conducted with case studies and expert validation for the integration model, objectives and risk relationships. The case studied was construction service companies. The research methods used are literature review, case studies, system development and statistical analysis. This study combines the SMM, SMK3 and SML integration management system model, goals, objectives and risk relationship into a Knowledge Base Integration Management System information system for SMM, SMK3 and SML. The results obtained in this study explain that the development of the Knowledge Base Integration Management Quality, Safety and Environmental system information can improve the performance of construction company performance

organizations.